

B. Amendment to the Claims

Please amend the claims as follows:

Sub
C1
1(Currently Amended). An electroded ~~nanostuctured~~ device comprising a laminated structure, wherein at least one layer comprises a quantum-confined ~~nanomaterial~~ nanocomposite.

2(Original). The device of claim 1, wherein the device is a chemical vapor sensing device.

3(Withdrawn). The device of claim 1, wherein the device is a thermal device.

4(Withdrawn). The device of claim 1, wherein the device is a piezoelectric device.

5(Withdrawn). The device of claim 1, wherein the device is a photoelectric device.

6(Withdrawn). The device of claim 1, wherein the device is a biomedical device.

7(Original). The device of claim 2, wherein the chemical vapor comprises hydrogen.

8(Withdrawn). The device of claim 2, wherein the chemical vapor comprises an organic compound.

9(Withdrawn). The device of claim 2, wherein the chemical vapor comprises an oxide.

10(Withdrawn). The device of claim 2, wherein the chemical vapor comprises a chalcogenide.

11(Withdrawn). The device of claim 2, wherein the chemical vapor comprises a nitride.

12(Withdrawn). The device of claim 2, wherein the chemical vapor comprises a boride.

13-20(Cancelled)

21(Previously Added). The device of claim 1, wherein the ~~nanomaterial~~ nanocomposite comprises zinc.

22(Withdrawn). The device of claim 1, wherein the nanomaterial comprises tin.

23(Withdrawn). The device of claim 1, wherein the nanomaterial comprises titanium.

24(Withdrawn). The device of claim 1, wherein the nanomaterial comprises strontium.

25(Withdrawn). The device of claim 1, wherein the nanomaterial comprises barium.

25(Withdrawn). The device of claim 1, wherein the nanomaterial comprises a material selected from the group consisting of: indium, tungsten, tantalum and molybdenum.

26(Withdrawn). The device of claim 1, wherein the nanomaterial comprises a rare earth element.

27(Withdrawn). The device of claim 1, wherein the nanomaterial comprises gallium.

28(Withdrawn). The device of claim 1, wherein the nanomaterial comprises a material selected from the group consisting of: iron, antimony and zirconium.

29(Withdrawn). The device of claim 1, wherein the nanomaterial comprises silicon.